

1/9

5' ATAACTTCGTATA <u>GCATACATT</u> TACGAAGTTAT 3'	WT <i>loxP</i> SEQ ID NO:35 (5'>3')
3' TATTGAAGCATAT <u>CGTATGTA</u> ATATGCTTCAATA 5'	
5' ATAACT <u>CTATATA</u> <u>GCATACATT</u> TATAGAGTTAT 3'	WT <i>loxM7</i> SEQ ID NO:36 (5'>3')
3' TATTGAGATATAT <u>CGTATGTA</u> ATATATCTCAATA 5'	
5' ATAACTTCGTATA <u>GCATACATT</u> TATAGAGTTAT 3'	<i>loxP</i> - <i>M7</i> SEQ ID NO:37 (5'>3')
3' TATTGAAGCATAT <u>CGTATGTA</u> ATATATCTCAATA 5'	
3' ATAACT <u>CTATATA</u> <u>GCATACATT</u> TACGAAGTTAT 5'	<i>M7</i> - <i>loxP</i> SEQ ID NO:38 (5'>3')
5' TATTGAGATATAT <u>CGTATGTA</u> ATATGCTTCAATA 3'	

Figure 1A

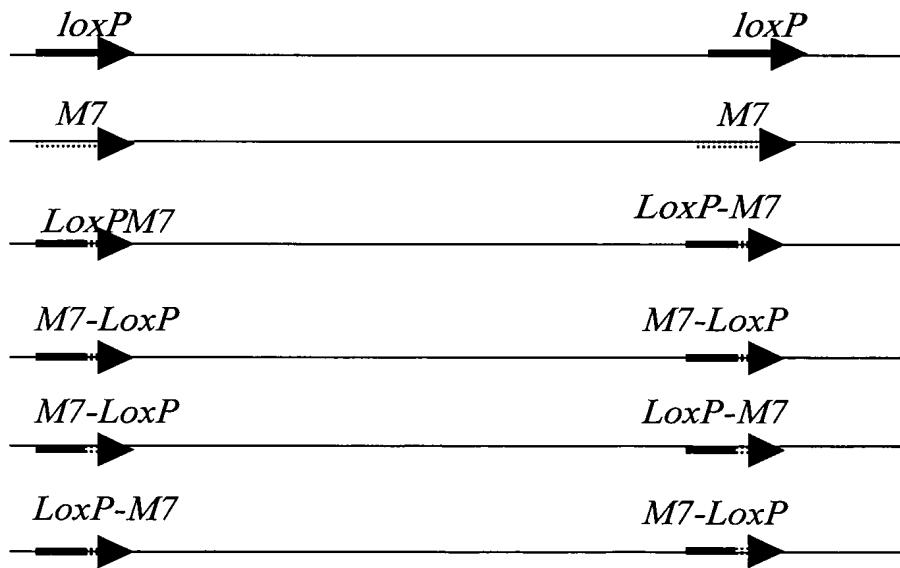


Figure 1B

loxP:

SEQ ID NO

WT loxP

39 Xho-Bam **XhoI** CTCGAGATAACTTCGTATA**GCATACAT**TATACGAAGTTAT**GGATTC**
Bam-Xho **GAGCTC**TATTGAAGCATAT**CGTATGTA**ATATGCTTCATAACCTAGG

40 Eco-Pst **EcoRI** GAATTCAATAACTTCGTATA**GCATACAT**TATACGAAGTTAT**CTGCAG**
Pst-Eco CTTAAGTATTGAAGCATAT**CGTATGTA**ATATGCTTCATAAGACGTC

loxM7:

WT loxM7

41 Xho-Bam **XhoI** CTCGAGATAACTCTATATA**GCATACAT**TATATAGAGTTAT**GGATTC**
Bam-Xho **GAGCTC**TATTGAGATATAT**CGTATGTA**ATATATCTCAATAACCTAGG

42 Eco-Pst **EcoRI** GAATTCAATAACTCTATATA**GCATACAT**TATATAGAGTTAT**CTGCAG**
Pst-Eco CTTAAGTATTGAGATATAT**CGTATGTA**ATATATCTCAATAAGACGTC

loxP-M7:

loxP-M7

43 Xho-Bam **XhoI** CTCGAGATAACTTCGTATA**GCATACAT**TATATAGAGTTAT**GGATTC**
Bam-Xho **GAGCTC**TATTGAAGCATAT**CGTATGTA**ATATATCTCAATAACCTAGG

44 Eco-Pst **EcoRI** GAATTCAATAACTTCGTATA**GCATACAT**TATATAGAGTTAT**CTGCAG**
Pst-Eco CTTAAGTATTGAAGCATAT**CGTATGTA**ATATATCTCAATAAGACGTC

Figure 1C

3/9

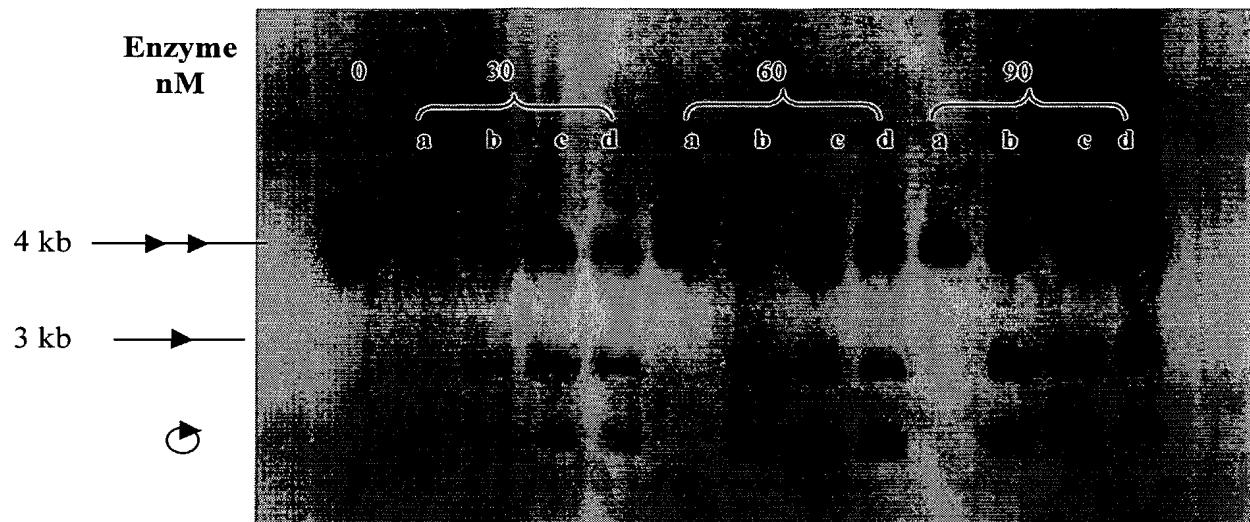


Figure 2A

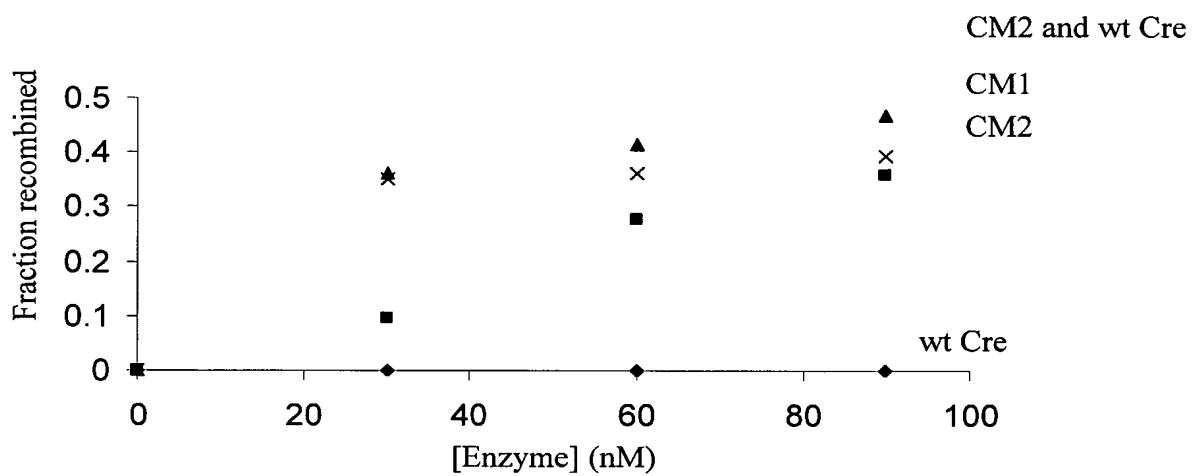


Figure 2B

4/9

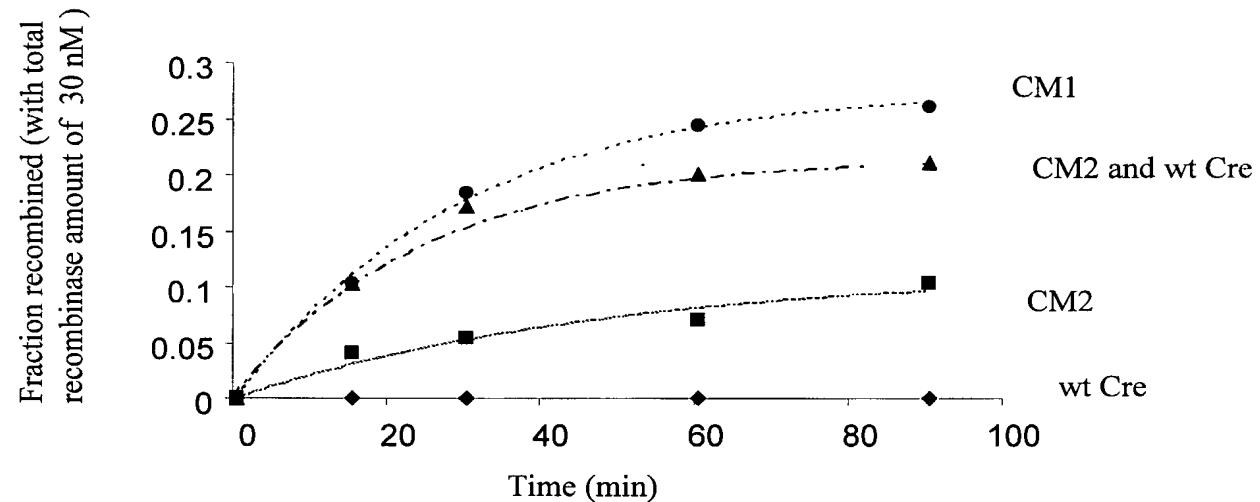


Figure 3A

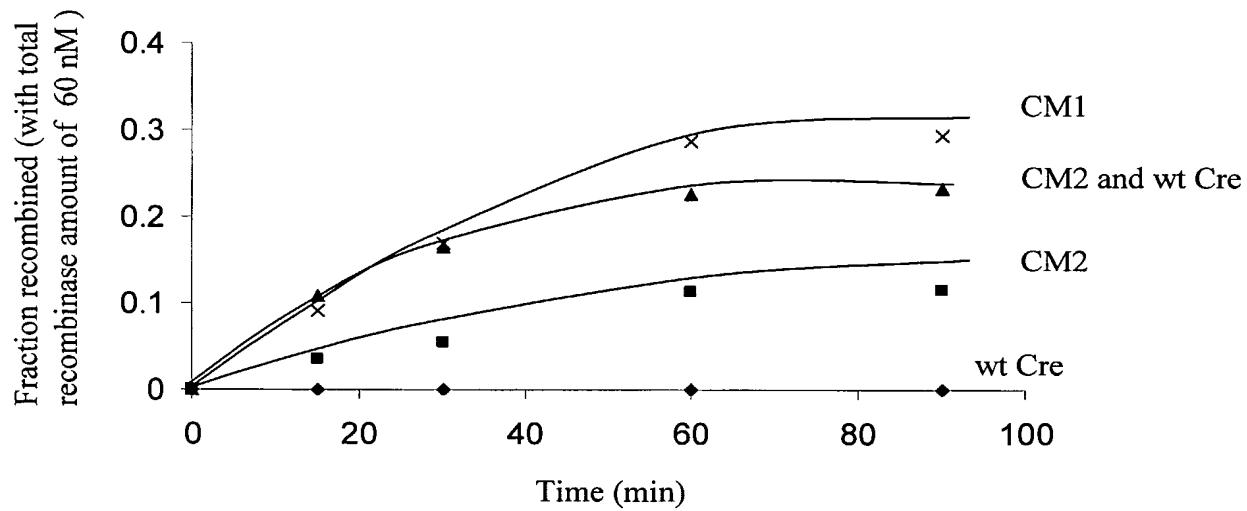


Figure 3B

5/9

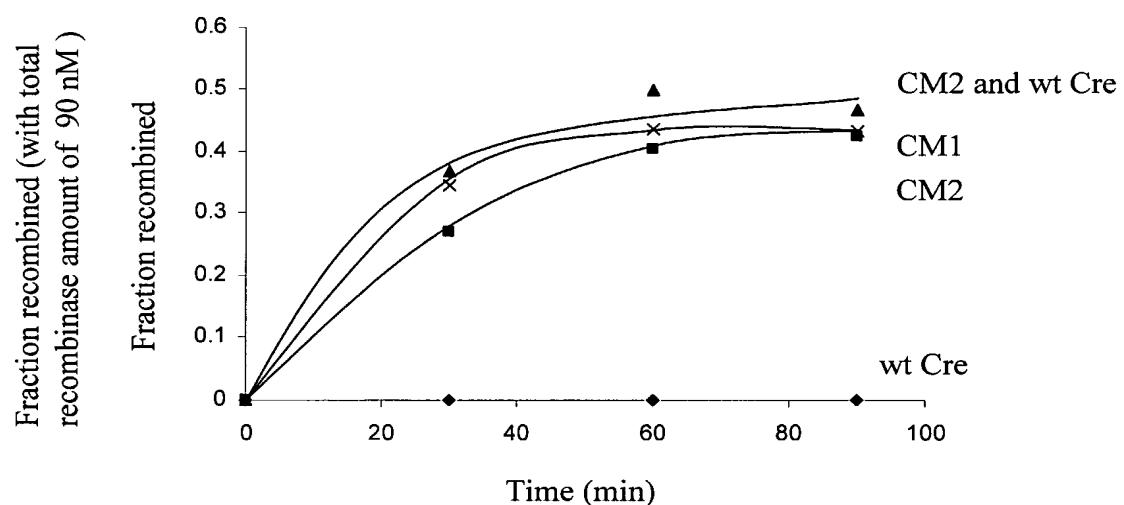


Figure 3C

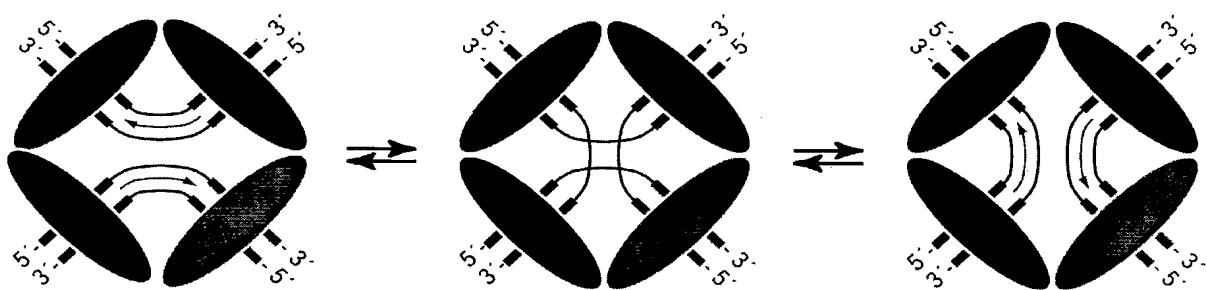


Figure 4

6/9

Left	Spacer	Right
<i>loxP</i> (wt, symmetric): ATAACTTCGTATA	ATGTATGC	TATACGAAGTTAT
SEQ ID NO:45		
<i>lox-LTR</i> (asymmetric): TCAAGTTAGTACC	AGTTGAAC	CAGAGCAAGTAGA
SEQ ID NO:46		

Figure 5

7/9

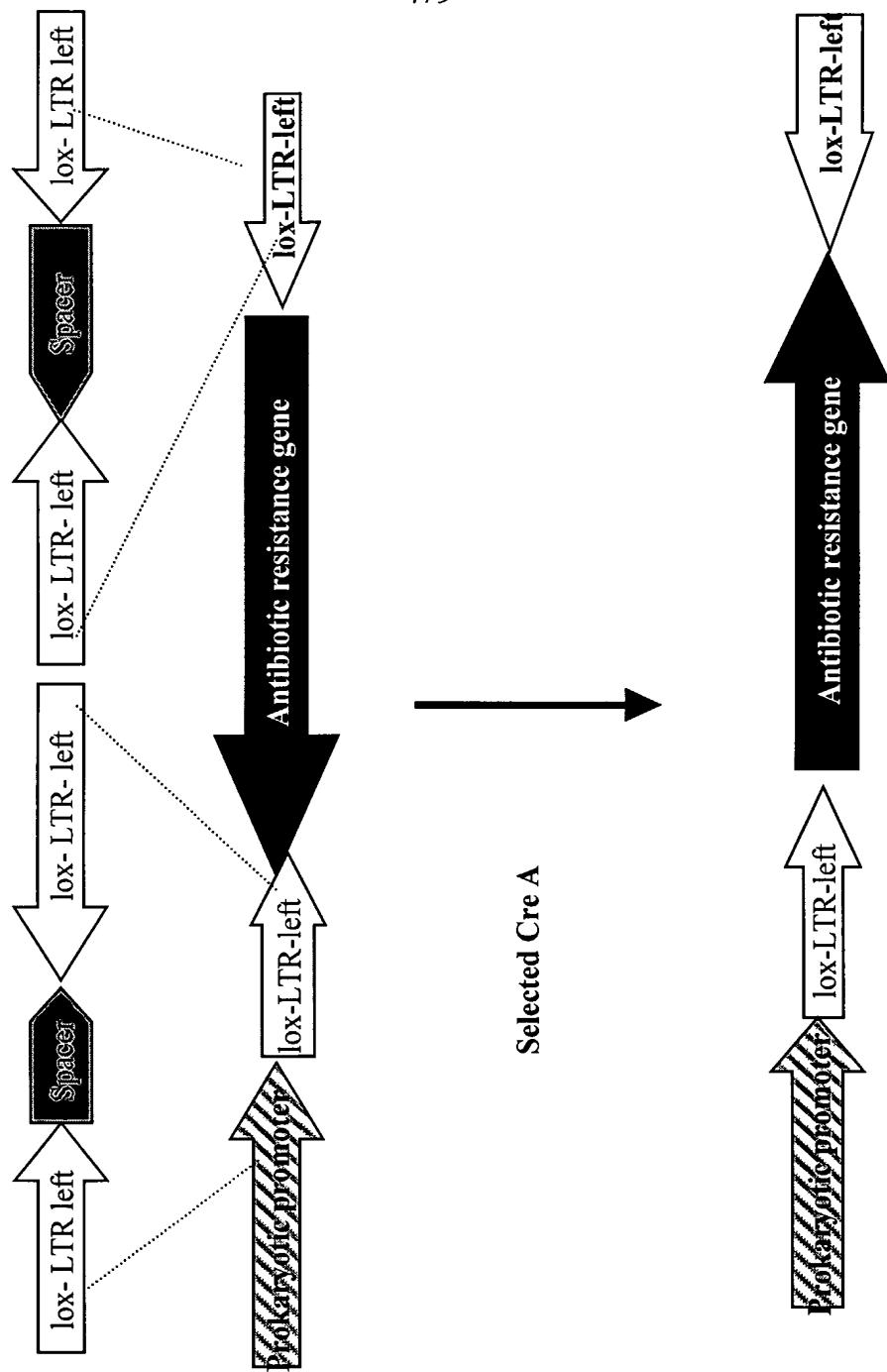


Figure 6A

8/9

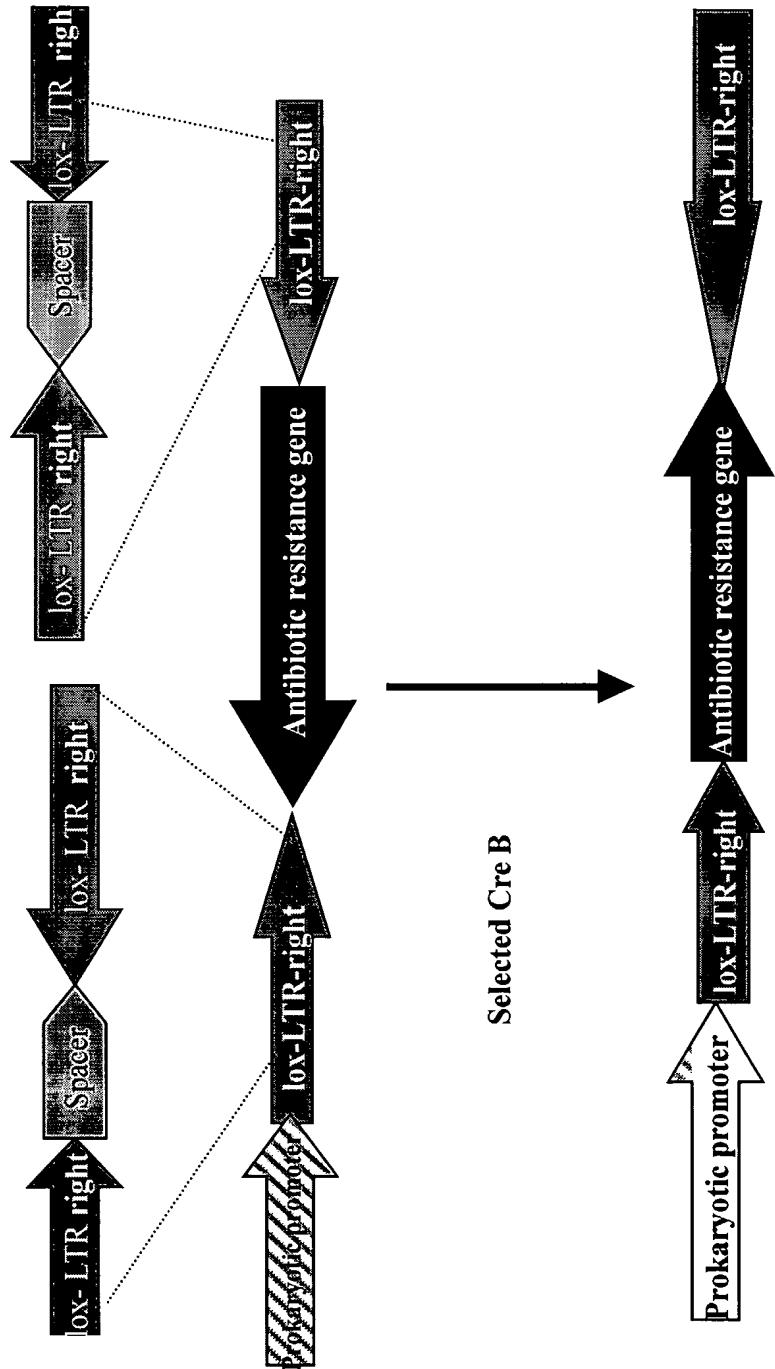


Figure 6B

9/9

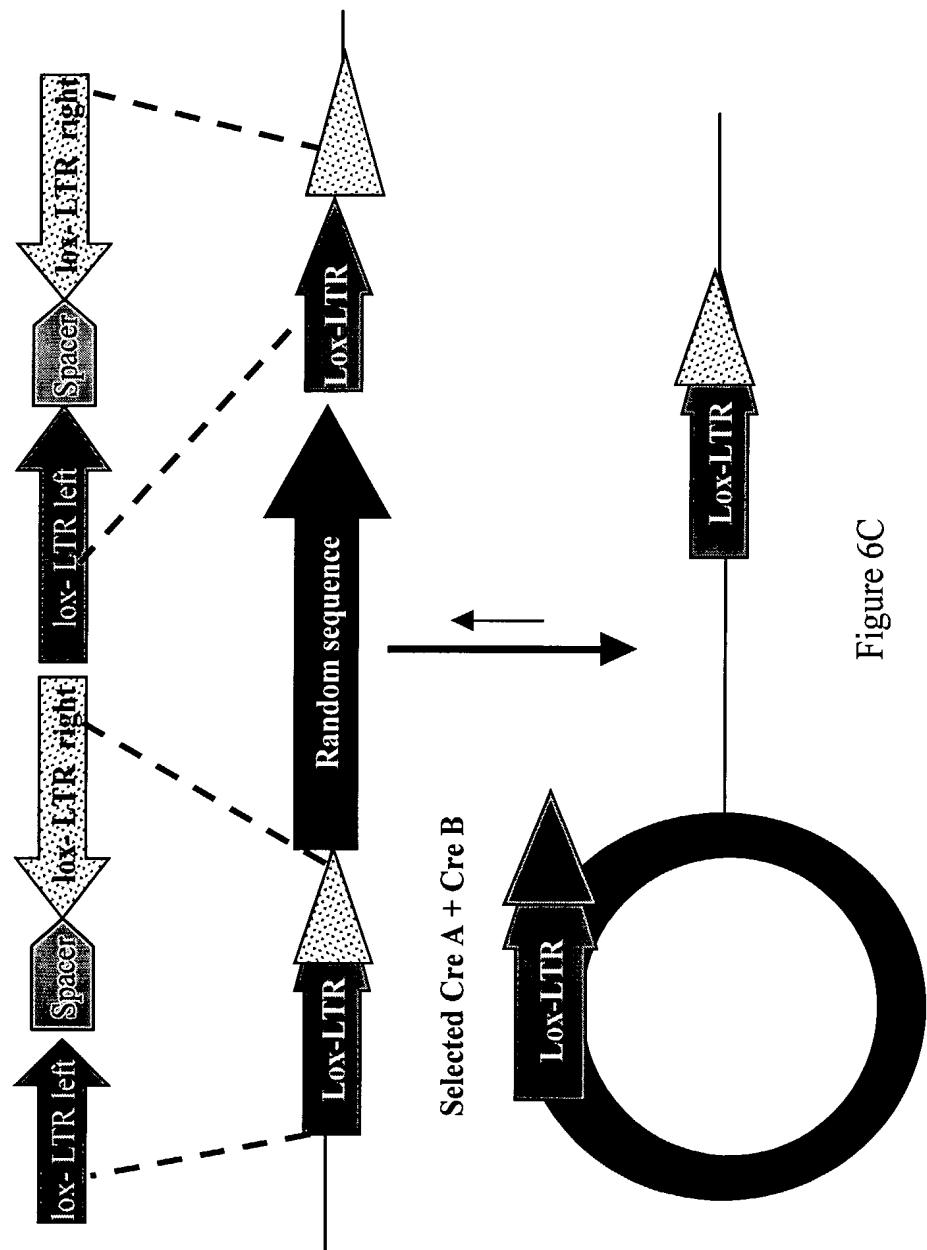


Figure 6C